# Product data sheet
## Characteristics

# XUB0BKSNL2T
photo-electric sensor - XUB - emitter - 12..24VDC - cable 2m



## Main

| | |
|---|---|
| Range of product | OsiSense XU |
| Series name | General purpose multimode |
| Electronic sensor type | Photo-electric sensor transmitter |
| Sensor name | XUB |
| Sensor design | Cylindrical M18 |
| Detection system | Thru beam |
| [Sd] sensing range | > 15...30 m |
| Material | Metal |
| Line of sight type | Axial |
| Type of output signal | Discrete |
| Supply circuit type | DC |
| Wiring technique | 3-wire |
| Electrical connection | Cable |
| Cable length | 2 m |
| Product specific application | - |
| Emission | Infrared thru beam |
| [Sn] nominal sensing distance | 20 m thru beam need a receiver |

## Complementary

| | |
|---|---|
| Enclosure material | Nickel plated brass |
| Lens material | PMMA |
| Maximum sensing distance | 30 m thru beam |
| Output type | Solid state |
| Add on input | Test by emission breaking |
| Wire insulation material | PvR |
| Status LED | 1 LED (green) for supply on |
| [Us] rated supply voltage | 12...24 V DC with reverse polarity protection |
| Supply voltage limits | 10...36 V DC |
| Switching capacity in mA | <= 100 mA (overload and short-circuit protection) |
| Switching frequency | <= 250 Hz |
| Voltage drop | 1.5 V (closed state) |
| Current consumption | 20 mA (no-load) |
| Delay first up | < 200 ms |
| Delay response | < 2 ms |
| Delay recovery | < 2 ms |
| Setting-up | Without sensitivity adjustment |
| Length | 62 mm |
| Product weight | 0.105 kg |

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## Environment

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|---|---|
| Product certifications | CE<br>CSA<br>UL |
| Ambient air temperature for operation | -25...55 °C |
| Ambient air temperature for storage | -40...70 °C |
| Vibration resistance | 7 gn, amplitude = +/- 1.5 mm (f = 10...55 Hz) conforming to IEC 60068-2-6 |
| Shock resistance | 30 gn (duration = 11 ms) conforming to IEC 60068-2-27 |
| IP degree of protection | IP67 double insulation conforming to IEC 60529<br>IP65 double insulation conforming to IEC 60529 |

## Offer Sustainability

| | |
|---|---|
| Sustainable offer status | Not Green Premium product |
| RoHS | Compliant - since 0821 - Schneider Electric declaration of conformity download declaration of conformity |
| Product environmental profile | Available Download Product Environmental |
| Product end of life instruction | Available Download End Of Life Manual |

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